AMENDMENT

Amendments to the Claims

1. (Previously presented)   An open-network system for automating an architectural process of creating a plurality of aspects of a contract document comprising:

    a graphic user interface for user-selected project-specific features;

    at least one attribute information storage means, comprising a database from which a user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

    a filter for providing a graphical user interface with filtered data associated with a user-selected attribute;

    a user database which stores the unique identifier of the user-selected attribute;

    automated selection means for incorporating data associated with the user-selected attribute into the plurality of aspects of said contract document; and

    a document generation means for creating the plurality of aspects of the contract document;

    wherein the plurality of aspects of the contract document comprises

    a)   a schedule; and

    b)   a specification.

2. (Previously presented)   An open-network system for automating an architectural process of creating a plurality of aspects of a contract document comprising:

   data entry means for user-selected project-specific attributes;

   at least one attribute information storage means, comprising a database from which

   the user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

   at least one remote attribute information storage means, comprising a database from which the user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

   a filter for providing a graphical user interface with filtered data associated with a user-selected attribute;

   a user database which stores the unique identifier of the user-selected attribute;

   automated selection means for incorporating data associated with the user-selected attribute into said plurality of aspects of said contract document; and

   generation means for creating said plurality of aspects of the contract document;

   wherein the plurality of aspects of the contract document comprises

   a)   a schedule; and

   b)   a specification.

3. (Previously presented)   The open-network system of claim 2, further comprising means for tracking a project.

4. (Previously presented) An open-network system for automating an architectural process of creating a plurality of aspects of a contract document comprising:

    data entry means for user-selected project attributes;

    at least one attribute information storage means, comprising a database from which the user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

    at least one remote attribute information storage means, comprising a database from which the user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

    a filter for providing a graphical user interface with filtered data associated with a user-selected attribute;

    a user database which stores the unique identifier of the user-selected attribute;

    automated selection means for incorporating data associated with the user-selected attribute into at least one digital file, the digital file comprising data associated with an aspect of said contract document;

    generation means for creating the digital file; and

    searching means for querying the user database;

        wherein the plurality of aspects of the contract document comprises

        a)   a schedule; and

        b)   a specification.

5. (Previously presented)   The open-network system of Claim 4, wherein the digital file created by the generation means comprises industry accepted tags.

6. (Currently amended)   An open-network system for automating an architectural process of creating a plurality of aspects of a contract document comprising:

data entry means for user-selected project attributes, the data entry means comprising a graphical user interface having text entry and drop-down menu choices;

at least one attribute information storage means, comprising a database from which the user-selected attribute is identified, each attribute having a unique identifier and data associated with it;

a filter for providing the drop-down menu choices of the graphical user interface with filtered data associated with a user-selected attribute;

a user database which stores the unique identifier of the selected attribute;

automated selection means for incorporating data associated with the selected attribute into said plurality of aspects of said contract document wherein said plurality of aspects comprises architectural specification, architectural details, and architectural schedule or architectural project status; and

generation means for creating the plurality of aspects of the contract document.

7. (Currently amended)   A method for automating an architectural process of preparing ~~one or more~~ <u>a plurality of</u> aspects of a contract document comprising architectural drawings, a schedule aspect listing attributes of repetitive building parts to be incorporated into a building, and a specification aspect listing materials and processes selected to construct the building, the method comprising:

maintaining an association between each of a plurality of pieces of selectable design information for a building and a <u>plurality of</u> respective data entry ~~location~~ <u>locations</u> in <u>both</u> ~~one or more of~~ the schedule aspect and the specification aspect;

allowing a user to select an attribute for a building;

in response to a user selection of an attribute of a building, retrieving information associated with the selected attribute and graphically displaying a data entry form populated by the filtered associated information by referencing a unique identifier for each attribute and information associated with said respective unique identifier;

storing user selections of each attribute in a user database; and

generating ~~one or more of~~ <u>said plurality of</u> said aspects of said contract document in one or more of a plurality of formats by accessing the association of the ~~one or more~~ <u>plurality of</u> <u>respective data entry locations</u> ~~aspects~~ with stored user selected attributes in the user database.

8. (Previously presented)   The method of claim 7, wherein the data associated with a user selected attribute is associated via the unique identifier with a vector equation, the generating of the document comprising generating a detail aspect based on at least said vector equation associated with said selected attribute.

9. (Previously presented)   The method of claim 8, further comprising integrating the vector equations into a selected one of a group consisting of a plan view and an elevation view.

10. (Currently amended)   The method of claim 7, further comprising:

    a)   presenting a human interface for a diagram utility allowing a user to selectively preview and create one or more of said architectural drawings; and

    b)   automatically creating said one or more architectural drawings using data from said respective data entry locations in said schedule aspect and said specification aspect.

11. (Previously presented)   The method of claim 7, further comprising:

    in response to a user selected attribute accessing a manufacturer catalog page through a browser;

    allowing the user to select a catalog item from said manufacturer catalog page; and

    generating a schedule aspect of the architectural contract containing data associated with the selected catalog item.

12. (Currently amended)   The method of claim 7 further comprising:

    allowing said user to create or edit ~~one or more of~~ said plurality of the aspects of said contract document using one or more formats from said plurality of formats.

13. (Previously presented)   The method of claim 7 wherein said plurality for formats are selected from a group of formats consisting of:

    (a)   a spreadsheet;

    (b)   an Extensible Markup Language (XML);

    (c)   a Computer aided design (CAD); and

    (d)   word processing.

14. (Currently Amended)   The method of claim 7 wherein allowing said user to edit said specification aspect of said contract document further comprises: ~~using a text editor~~

    a)   <u>maintaining a plurality of linkages between aspects of information in said specification aspect;</u>

    b)   <u>using said plurality of linkages, automatically renumbering sections of said specification aspect, wherein said sections comprise paragraphs and subparagraphs, based on changes made to said specification aspect;</u>

    c)   <u>allowing said user to use a text editor to edit a final draft of said specification aspect, wherein said final draft of said specification aspect is created automatically based on said user selections of said each attribute stored in said user database.</u>

15. (Previously presented)   The method of claim 7 wherein at least one piece of design information from said pieces of selectable design information is stored in a selected one of a group consisting of:

    (a)   a schedule database;

    (b)   a catalog database;

    (c)   a drawing database; and

    (d)   a specification database.